

# Comparisons of Job Characteristics

**Focus Occupation:** First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators (53-1031)

**Associated Occupation:** Heavy and Tractor-Trailer Truck Drivers (53-3032)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 63

**Focus Occupation:** First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators (53-1031)

**Associated Occupation:** Heavy and Tractor-Trailer Truck Drivers (53-3032)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Transportation	4.6	16.1	15.9	0 Current knowledge level may be sufficient
Public Safety and Security	6.9	10.4	12.0	> Current knowledge level is likely sufficient
Geography	3.9	6.9	6.6	0 Current knowledge level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 17

**Focus Occupation:** First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators (53-1031)

**Associated Occupation:** Heavy and Tractor-Trailer Truck Drivers (53-3032)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operation and Control	5.4	13.1	5.5	<< Extensive development of skills in this area may be required
Operation Monitoring	6.6	9.9	6.4	<< Extensive development of skills in this area may be required
Quality Control Analysis	5.9	8.3	6.0	<< Extensive development of skills in this area may be required
Equipment Maintenance	3.5	7.3	3.7	<< Extensive development of skills in this area may be required
Troubleshooting	4.5	7.0	4.5	<< Extensive development of skills in this area may be required
Repairing	3.4	6.9	3.9	<< Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 27			
Focus Occupation: First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators (53-1031)					
Associated Occupation: Heavy and Tractor-Trailer Truck Drivers (53-3032)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Control Precision	6.6	13.1	5.3	<<	Extensive improvement in abilities may be required
Multilimb Coordination	6.0	12.7	5.0	<<	Extensive improvement in abilities may be required
Far Vision	7.8	12.3	7.2	<<	Extensive improvement in abilities may be required
Reaction Time	4.8	12.3	3.6	<<	Extensive improvement in abilities may be required
Response Orientation	4.0	12.1	4.1	<<	Extensive improvement in abilities may be required
Static Strength	5.0	11.6	4.3	<<	Extensive improvement in abilities may be required
Depth Perception	5.3	11.4	7.4	<<	Extensive improvement in abilities may be required
Rate Control	3.8	11.2	3.6	<<	Extensive improvement in abilities may be required
Spatial Orientation	2.7	10.2	4.4	<<	Extensive improvement in abilities may be required
Peripheral Vision	2.2	9.0	3.3	<<	Extensive improvement in abilities may be required
Night Vision	2.1	8.9	2.6	<<	Extensive improvement in abilities may be required
Glare Sensitivity	2.6	7.9	2.6	<<	Extensive improvement in abilities may be required
Sound Localization	2.2	7.7	2.6	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 74
<b>Focus Occupation: First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators (53-1031)</b> <b>Associated Occupation: Heavy and Tractor-Trailer Truck Drivers (53-3032)</b>		
Work Activities	Exclusivity of Activity	
Direct and coordinate activities of workers or staff	3	

Drive truck with capacity greater than 3 tons	72
Maintain or repair cargo or passenger vehicle	69
Maintain records, reports, or files	5
Perform safety inspections in transportation setting	62
Prepare reports	8
Read maps	42
Use two-way radio or mobile phone	42
Use weighing or measuring devices in transportation	82

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: 57

**Focus Occupation: First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators (53-1031)**

**Associated Occupation: Heavy and Tractor-Trailer Truck Drivers (53-3032)**

Tools and Technologies	Exclusivity
Business function specific software	1
Computers	1
Data management and query software	1
Industrial trucks	10
Lifting equipment and accessories	3
Personal communication devices	2
Product and material trailers	24

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.